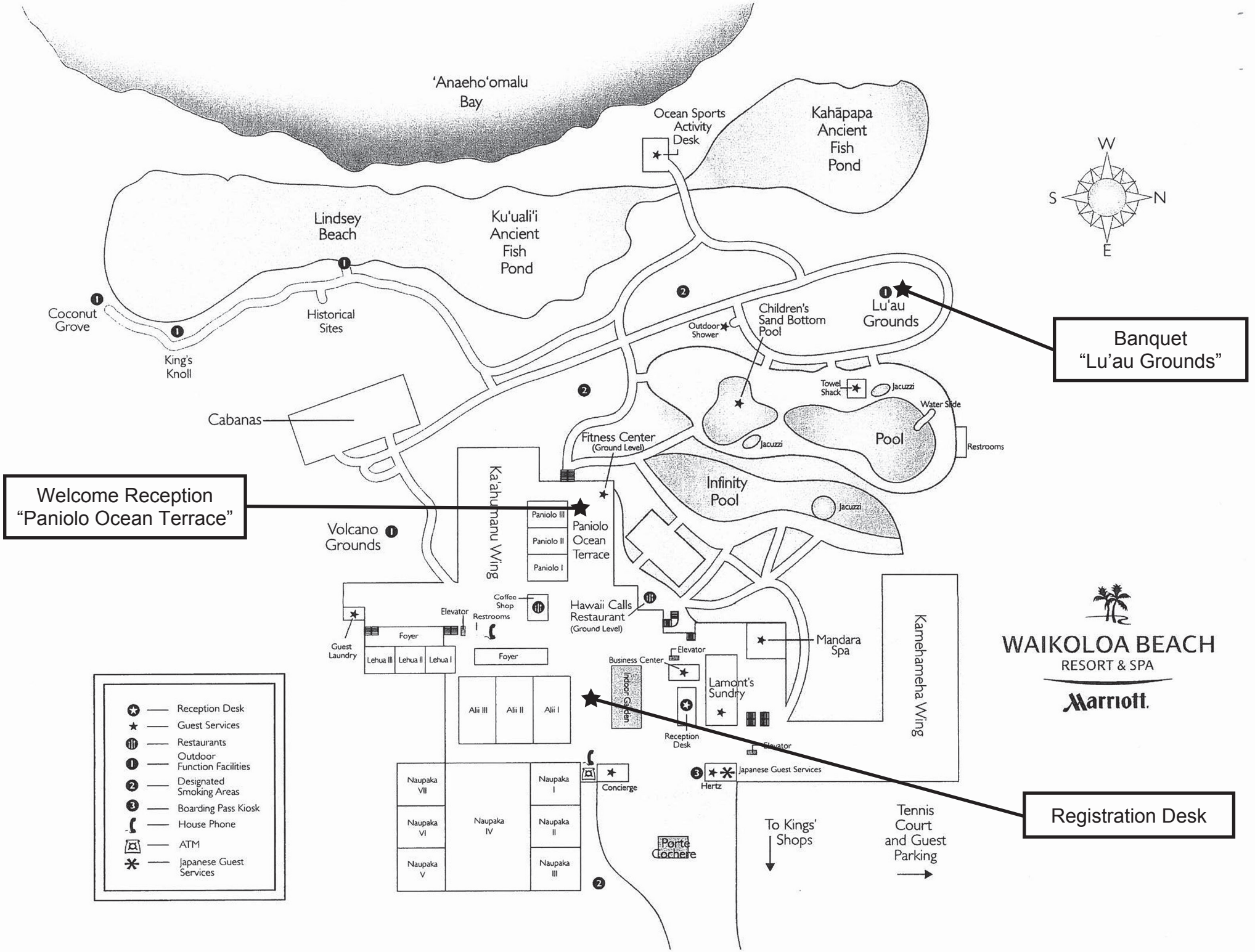
'Anaeho'omalu Bay
Ocean Sports Activity Desk
Kahāpapa Ancient Fish Pond
W
S
N
E
Lindsey Beach
Ku'ualiʻi Ancient Fish Pond
Coconut Grove
King's Knoll
Historical Sites
Children's Sand Bottom Pool
Lu'au Grounds
Outdoor Shower
Banquet "Lu'au Grounds"
Towel Shack
Jacuzzi
Water Slide
Pool
Restrooms
Cabanas
Fitness Center (Ground Level)
Jacuzzi
Infinity Pool
Jacuzzi
Welcome Reception "Paniolo Ocean Terrace"
Ka'ahumanu Wing
Paniolo III
Paniolo II
Paniolo I
Paniolo Ocean Terrace
Volcano Grounds
Coffee Shop
Elevator
Restrooms
Hawaii Calls Restaurant (Ground Level)
Guest Laundry
Foyer
Lehua III
Lehua II
Lehua I
Foyer
Business Center
Elevator
Mandara Spa
Kamehameha Wing
Lamont's Sundry
Indoor Garden
Alii III
Alii II
Alii I
Reception Desk
Elevator
Japanese Guest Services
Hertz
Concierge
Naupaka VII
Naupaka VI
Naupaka V
Naupaka IV
Naupaka I
Naupaka II
Naupaka III
Porte Cochere
To Kings' Shops
Tennis Court and Guest Parking
Registration Desk
Reception Desk
Guest Services
Restaurants
Outdoor Function Facilities
Designated Smoking Areas
Boarding Pass Kiosk
House Phone
ATM
Japanese Guest Services
WAIKOLOA BEACH
RESORT & SPA
Marriott.

General Information

Presentation and Audio—Visual Aids

All the presentations except the Plenary and Keynote Lectures are allotted for 20 minutes including discussion. Each session room will have a fullcolor liquid crystal projector (LCP). The LCP will be equipped with a connection cable with D-sub mini 15-pin male connector for RGB-video input from computers. Note that speakers who wish to use the LCP must prepare their own computer, presentation software, and additional connectors if needed.

Welcome Reception

On Sunday evening, March 13, 2016, all attendees are invited to the Welcome Reception. The Welcome Reception will be held at 6:00pm to 9:00pm at the Paniolo Ocean Terrace.

Conference Banquet

The Conference Banquet will be held at 6:00pm to 9:00pm on Wednesday, March 16, 2016. Dinner will be served as a buffet, with seating provided. The Conference Banquet will be held at the Luau Ground. The regular admission fee includes admission to the banquet.

Conference Lunch

On Monday, March 14, Wednesday 16, and Thursday 17, Conference Lunch will be served. Attendees who paid for the lunch at the online registration are invited.

Internet Access

There is a free WI-FI near the hotel reception. The SSID and password will be displayed at the conference registration desk. Guest room WI-FI access is also available with additional charge.

Sunday, March 13, 2016

Time/room	Naupaka I-IV	Naupaka V	Naupaka VI	Naupaka VII	Ali'I I	Ali'I II	Ali'I III	Paniolo I	Paniolo II	Paniolo III	Lehua II-III
12:00—	Registration (Registration Desk)										
18:00—21:00	Welcome Reception (Paniolo Ocean Terrace)										

Monday, March 14, 2016

Time/room	Naupaka I-IV	Naupaka V	Naupaka VI	Naupaka VII	Ali'I I	Ali'I II	Ali'I III	Paniolo I	Paniolo II	Paniolo III	Lehua II-III
8:30—9:00	Opening (Naupaka I-IV)										
9:00—9:40	PRTEC-1PL01 (Naupaka I-IV) Prof. Tae-Ho Song, KAIST, Korea										
9:40—10:20	PRTEC-1PL02 (Naupaka I-IV) Prof. John H. Lienhard V, MIT, USA										
10:20—10:40	Coffee break										
10:40—12:00	Topic ID: (a-1) Turbulent Convection 1	Topic ID: (a-1) Natural Convection 1	Topic ID: (c-1) Transport Phenomena in Molecular Scale Systems 1	Topic ID: (a-6) Measurements and Diagnostics 1	Topic ID: (a-2) Convective Heat and Mass Transfer	Topic ID: (a-3) Heat Pipe & Phase Change 1	Topic ID: (b-1) Liquid and Solid Combustions	Topic ID: (a-7) Heat Transfer in Manufacturing 1	Topic ID: (c-3) Heat Conduction in Nano-Structured Materials	Topic ID: (b-4) Energy Management	Topic ID: (b-4) Heat Exchanger 1
12:00—13:20	Lunch										
13:20—15:00	Topic ID: (a-1) Turbulent Convection 2	Topic ID: (a-1) Natural Convection 2	Topic ID: (c-1) Transport Phenomena in Molecular Scale Systems 2	Topic ID: (a-6) Measurements and Diagnostics 2	Topic ID: (a-2) Numerical Methods for Heat and Mass Transfer	Topic ID: (a-3) Heat Pipe & Phase Change 2	Topic ID: (b-1) Laminar and Turbulent Flames	Topic ID: (a-7) Heat Transfer in Manufacturing 2	Topic ID: (c-3) Measurements of Heat Conduction in Solids	Topic ID: (b-4) Battery	Topic ID: (b-4) Heat Exchanger 2
15:00—15:20	Coffee break										
15:20—15:50	PRTEC-1KL01 Prof. Heinz Herwig, Hamburg Univ. Tech., Germany				PRTEC-1KL02 Prof. Branislav Basara, AVL List GmbH, Austria & Chalmers Univ. Tech., Sweden	PRTEC-1KL03 Prof. Hyung Hee Cho, Yonsei Univ., Korea	PRTEC-1KL04 Prof. Yohei Sato, Keio Univ., Japan				
15:50—15:55	Break										
15:55—16:25	~~PRTEC-1KL05 Prof. Ya-Ling He and Wen-Quan Tao, Xi'an Jiaotong Univ., PR China~~ **Canceled**				PRTEC-1KL06 Prof. Koji Matsubara, Niigata University, Japan	PRTEC-1KL07 Dr. Won-Pil Baek, Korea Atomic Energy Research Institute, Korea	PRTEC-1KL08 Prof. Yogesh Jaluria, Rutgers University, USA				
16:25—16:30	Break										
16:30—17:50	Topic ID: (a-1) Viscoelastic Fluid	Topic ID: (a-1) Nanofluids	Topic ID: (c-1) Transport Phenomena in Molecular Scale Systems 3	Topic ID: (a-6) Measurements and Diagnostics 3	Topic ID: (a-2) Heat and Mass Transfer Involving Particles	Topic ID: (a-3) Boiling and Evaporation 1	Topic ID: (b-1) Formation and Control of Pollutants	Topic ID: (a-7) Heat Transfer in Manufacturing 3	Topic ID: (c-3) Micro/Nano Technology for Heat Transfer in Liquids	Topic ID: (b-4) Evaporation	Topic ID: (b-4) Heat Exchanger 3

Tuesday, March 15, 2016

Time/room	Naupaka I-IV	Naupaka V	Naupaka VI	Naupaka VII	Ali'I I	Ali'I II	Ali'I III	Paniolo I	Paniolo II	Paniolo III	Lehua II-III
8:30—9:10	PRTEC-1PL03 (Naupaka I-IV) Prof. Kaoru Maruta, Tohoku Univ., Japan & Far Eastern Federal Univ., Russia										
9:10—9:50	PRTEC-1PL04 (Naupaka I-IV) Prof. Sushanta Mitra, York Univ., Canada										
9:50—10:10	Coffee break										
10:10—12:10	Topic ID: (a-1) Environment and Nature	Topic ID: (a-1) Impinging Flows	Topic ID: (a-5) Heat and Mass Transfer in Organs and Fish Zygotes	Topic ID: (b-5) Heat and Mass Transfer in Air Conditioners & Refrigeration (1)	Topic ID: (a-2) Heat and Mass Transfer Across Interfaces	Topic ID: (a-3) Boiling and Evaporation 2		Topic ID: (b-2) Multiphase Dynamics in Combustion System	Topic ID: (a-2) Heat and Mass Transfer in Power Systems	Topic ID: (b-4) Engines & Automobiles	Topic ID: (b-4) Heat Exchanger 4
12:10—13:30	Lunch break										
13:30—17:00	Round table on future of thermal engineering										

Wednesday, March 16, 2016

Time/room	Naupaka I-IV	Naupaka V	Naupaka VI	Naupaka VII	Ali'I I	Ali'I II	Ali'I III	Paniolo I	Paniolo II	Paniolo III	Lehua II-III
8:30—9:10	PRTEC-1PL05 (Naupaka I-IV) Prof. Keumnam Cho, Sungkyunkwan Univ., Korea										
9:10—9:50	PRTEC-1PL06 (Naupaka I-IV) Dr. Dane A. Boysen, Gas Tech. Inst., USA										
9:50—10:10	Coffee break										
10:10—11:50	Topic ID: (a-1) Thermodynamics and Thermal Performance	Topic ID: (a-1) Particle Flows	Topic ID: (a-5) Biotransport in Microscale Region	Topic ID: (b-5) Heat and Mass Transfer in Air Conditioners & Refrigeration (2)	Topic ID: (a-2) Heat and Mass Transfer with Structured Materials	Topic ID: (a-4) Radiative Heat Transfer (1)		Topic ID: (b-1) Flame Stabilization and Extinction 1	Topic ID: (c-3) Applications of Micro/Nano Technology	Topic ID: (b-4) Heat Pipe	Topic ID: (b-4) PEFC 1
11:50—13:10	Lunch break										
13:10—13:40	PRTEC-1KL09 Prof. Chin-Hsiang Cheng, Nat. Cheng Kung Univ., Taiwan				PRTEC-1KL10 Prof. Pamela Norris, Univ. Virginia, USA	PRTEC-1KL11 Prof. Yongchan Kim, Korea Univ., Korea					MS Prof. N. Kasagi
13:40—13:45	Break										
13:45—14:15					PRTEC-1KL12 Prof. John R. Thome, Ecole Polytechique Fédérale de Lausanne, Switzerland	PRTEC-1KL13 Prof. Zhixiong Guo, State Univ. New Jersey, USA					PRTEC-1KL14 Prof. Tsuyoshi Totani, Hokkaido Univ., Japan
14:15—14:35	Coffee break										
14:35—16:15		Topic ID: (a-8) Thermophysical Properties (Measurement Technique 1)	Topic ID: (a-3) Condensation 1	Topic ID: (b-5) Heat and Mass Transfer in Air Conditioners & Refrigeration (3)	Topic ID: (a-2) Cooling Techniques 1	Topic ID: (a-4) Radiative Heat Transfer (2)		Topic ID: (b-1) Flame Stabilization and Extinction 2	Topic ID: (c-3) Numerical Simulations for Heat Conduction in Solids	Topic ID: (b-4) Heat Transfer Enhancement	Topic ID: (b-4) PEFC 2
16:15—16:25	Break										
16:25—18:05		Topic ID: (a-8) Thermophysical Properties (Novel Materials)	Topic ID: (a-3) Condensation 2	Topic ID: (b-5) Heat and Mass Transfer in Air Conditioners & Refrigeration (4)	Topic ID: (a-2) Cooling Techniques 2	Topic ID: (a-4) Radiative Heat Transfer (3)		Topic ID: (c-2) Microscale Heat Transfer 1	Topic ID: (c-3) Characterization of Micro/Nano Structured Materials	Topic ID: (b-4) Heat Pump	Topic ID: (b-4) PEFC3 & MCFC
19:00—21:00	Conference Banquet (Luau Grounds)										

Thursday, March 17, 2016

Time/room	Naupaka I-IV	Naupaka V	Naupaka VI	Naupaka VII	Ali'I I	Ali'I II	Ali'I III	Paniolo I	Paniolo II	Paniolo III	Lehua II-III
8:30—9:05	Donald Q. Kern Award lecture (Naupaka I-IV) Prof. Kenneth E. Goodson, Stanford University, USA, Electronics Thermal Management at the Extremes										
9:05—9:45	PRTEC-1PL07 (Naupaka I-IV) Prof. Naoki Shikazono, Univ. Tokyo, Japan										
9:45—9:50	Break										
9:50—10:20	PRTEC-1KL15 Prof. Sumanta Acharya, Univ. Memphis, USA				PRTEC-1KL16 Prof. Man Yeong Ha, Pusan Nat. Univ., Korea	PRTEC-1KL17 Prof. Koji Miyazaki, Kyushu Inst. Tech, Japan					MS Prof. Y. Nagano
10:20—10:40	Coffee break										
10:40—12:20	Topic ID: (a-1) Heat Transfer Enhancement and Cooling 1	Topic ID: (a-8) Thermophysical Properties (Simulation and Measurement)	Topic ID: (a-3) Condensation 3	Topic ID: (b-1) Novel Combustion Technologies	Topic ID: (a-2) Heat and Mass Transfer Enhancement	Topic ID: (a-3) Boiling and Evaporation 3		Topic ID: (c-2) Microscale Heat Transfer 2	Topic ID: (b-3) Combustion and Heat Transfer in Engine	Topic ID: (b-4) Solar & Thermal Systems 1	Topic ID: (b-4) SOFC
12:20—13:40	Lunch break										
13:40—15:20	Topic ID: (a-1) Heat Transfer Enhancement and Cooling 2	Topic ID: (a-8) Thermophysical Properties (Fluids)	Topic ID: (a-3) Phase Change Material	Topic ID: (b-2) Gas Turbine/Turbulent Combustion	Topic ID: (a-2) Turbulent Heat and Mass Transfer	Topic ID: (a-3) Boiling and Evaporation 4		Topic ID: (c-1) Transport Phenomena in Nanometer Scale Systems 1	Topic ID: (b-3) SI-Combustion Process	Topic ID: (b-4) Solar & Thermal Systems 2	Topic ID: (b-4) Cycle
15:20—15:40	Coffee break										
15:40—17:20	Topic ID: (a-1) Forced Convection		Topic ID: (a-3) Solid & Liquid Phase Change	Topic ID: (b-2) New Technologies in Combustion Systems	Topic ID: (a-2) Heat and Mass Transfer in High-Speed and High-Temperature Flows	Topic ID: (a-3) Phase Change Miscellaneous		Topic ID: (c-1) Transport Phenomena in Nanometer Scale Systems 2	Topic ID: (b-3) Heat Transfer in Engine System	Topic ID: (b-4) Thermal Energy Storage	Topic ID: (b-4) CGS
17:20—17:25	Break										
17:25—17:40	Closing Remarks (Naupaka I-IV)										